Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 05 Jan 2021 until 23:59 on Wednesday 06 Jan 2021

Forecast Issued on Monday 04 Jan 2021 at 15:18

Confidence: High for the cold conditions. Medium in snow and cloud details.

Headline for Tuesday 05 Jan 2021: Rather cloudy with snow showers. Significant wind chill.

Mountain weather hazards on Tuesday 05 Jan 2021

Blizzards Low Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light snow	Light snow	Light snow	Light snow	Light snow	Light snow	Cloudy
Precipitation probability							
50%	50%	60%	50%	50%	50%	60%	60%

Forecast for Tuesday 05 Jan 2021

Weather: It will be mostly cloudy with snow showers. Some of the showers could be heavy with temporary blizzard conditions possible over the highest tops. There is a chance the showers could line up giving locally significant snowfall. At lowest levels showers will be mainly of rain or sleet.

Chance of cloud free mountain/hill tops above 600m: 60%, extensive cloud base 600m, lower in showers.

Visibility: Very good falling moderate or poor in snow showers, but very poor at height.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Tuesday 05 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	26/34 NE	25/32 NE	20/26 NE	19/25 NE	21/27 NE	21/27 NE	19/26 NE	18/24 NE	18/24 NE
300	13/20 NE	13/19 NE	12/18 NE	12/17 NE	14/20 NE	14/21 NE	13/20 NE	12/18 NE	12/19 NE
Valley	8/22 NE	8/20 NE	8/20 NE	7/19 NE	9/20 NE	10/22 NE	9/20 NE	8/19 NE	8/19 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-2/-11	-2/-10	-2/-10	-2/-9	-2/-9	-2/-9	-2/-9	-2/-9	-2/-9
300	0/-5	-0/-6	-0/-5	-0/-5	1/-5	1/-4	0/-5	0/-5	0/-5
Valley	1/-3	1/-3	1/-3	1/-3	2/-2	2/-2	1/-3	1/-3	1/-3
Freezing Level*	200m	200m	200m	200m	300m	400m	300m	300m	300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Frost at most levels, perhaps lifting a little at lowest levels around the middle of the day.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Mon 04 Jan 2021	0.6mm	2.4mm	3.2mm

Forecast for Wednesday 06 Jan 2021

Weather: Snow showers overnight and during the morning, although rain or sleet at lowest levels. Mainly dry in the afternoon with some bright spells. Dry with clearing skies in the evening, mist and freezing fog patches possibly forming in the valleys towards midnight.

Maximum wind: North or Northeast 10 to 20mph.

Chance of cloud free mountain/hill tops above 600m: 70%, occasional or patches 600 to 900m, although 40% early in the day.

Visibility: Mostly very good, but poor or very poor in mist and freezing fog.

Temperature: **Valleys:** Minus 2 Celsius rising to Plus 2 Celsius
At 600m: Minus 2 Celsius
Freezing level: Most levels, perhaps rising to 300m around the middle of the day.

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